

Title (en)

POLYMER COMPOSITION CONTAINING A PROPYLENE BLOCK COPOLYMER

Title (de)

Polymerzusammensetzung enthaltend ein Propylen-Blockcopolymer

Title (fr)

COMPOSITION POLYMERES CONTENANT UN COPOLYMERES BLOC DE PROPYLENE

Publication

EP 1082390 A1 20010314 (EN)

Application

EP 99953343 A 19990527

Priority

- NL 9900332 W 19990527
- NL 1009269 A 19980528

Abstract (en)

[origin: WO9961525A1] Polymer composition containing: A) 100-40 wt.% of a propylene block copolymer, with a melt index of at least 1.0 dg/min (230 DEG C, 16 kg) and containing: 95-30 wt.% of block a1, which contains 94-100 wt.% of propylene monomer units and 0-6 wt.% of ethylene monomer units, 70-5 wt.% of block a2, which contains 30-70 wt.% of propylene monomer units and 70-30 wt.% of ethylene monomer units; B) 0-30 wt.% of an impact modifier; C) 0-50 wt.% of filler, which polymer composition, if injection moulded into a beam-shaped test object at at least one value for the mass temperature chosen from 220, 240, 260 or 280 DEG C and at least one value for the injection time chosen from 0.2, 1.0 and 3.0 sec. in the mould for the test object having a length (L) of 330 mm, a width (B) of 30 mm and a height (H) of 3 mm, with a wall temperature of 40 DEG C, with the direction of flow of the polymer composition lying in the longitudinal direction of the test object and the melt flowing into the mould consisting in vertical direction line (VD) of three layers of the polymer composition, the outer layers having a first colour and each accounting for 47 vol.% of the inflowing melt and the centre layer having a second colour and accounting for 6 vol.% of the inflowing melt, yields a test object on the surface (BL) of which a periodic pattern of shapes having the first colour running in longitudinal direction is absent.

IPC 1-7

C08L 53/00; **C08F 297/08**

IPC 8 full level

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CPC (source: EP KR US)

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C-Set (source: EP US)

C08L 53/00 + **C08L 2666/04**

Citation (search report)

See references of WO 9961525A1

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DOCDB simple family (application)

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